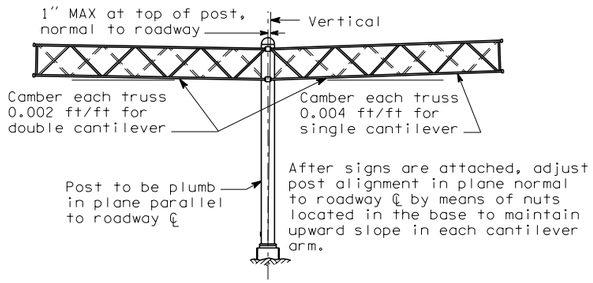
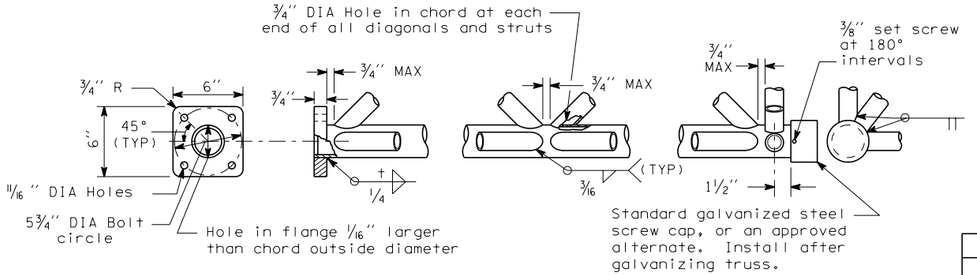


CAMBER



TYPICAL TRUSS DETAILS

Ends of diagonals shall be cut to fit neatly against chords.

t = chord wall thickness

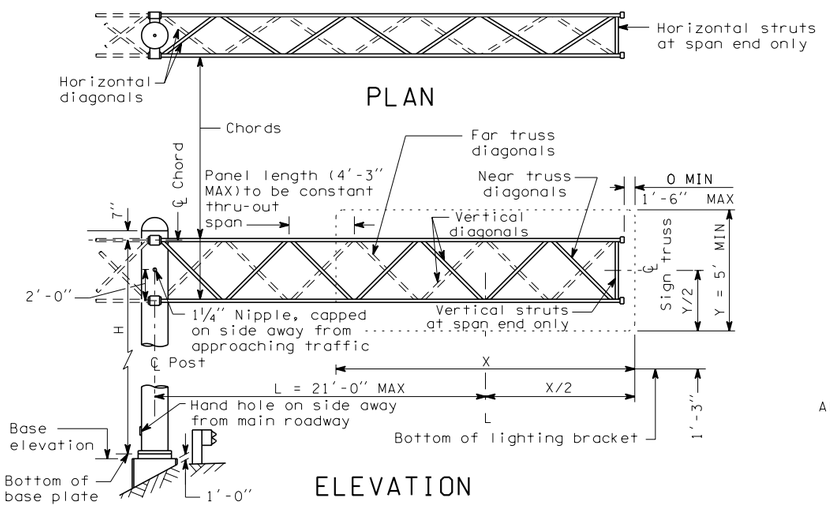
NOTES

1. Vertical and horizontal clearance requirements shall be as shown on the contract plans.
2. No post splices permitted in lower third of height, nor closer than 3'-0" to bottom chord. No chord shop splices permitted in first two-thirds of the span. Only one splice permitted in post. For post or chord shop splice details, see Standard Plan "Sign Bridge".
3. All bolt holes shall be drilled, and the diameter shall be 1/16" larger than the nominal bolt diameter except as noted.

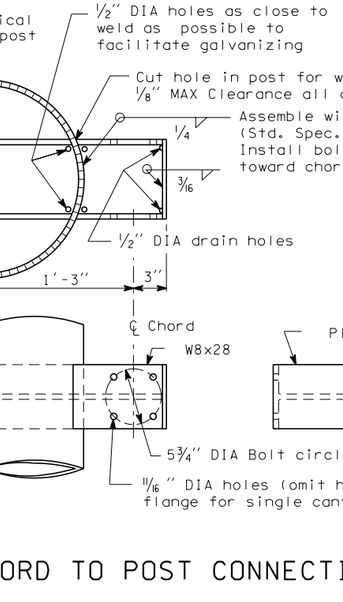
CHORD SELECTION		
Sign Area (X times Y) $(ft)^2$	Chord Size	
	NOM DIA	Wall
50 or less	2"	.154"
50+ to 100	2"	.218"
100+ to 150	2½"	.203"
150+ to 200	3"	.216"

POST SELECTION		
Total Sign Area* Σ(X times Y) $(ft)^2$	Post Size	
	OD	Wall
50 or less	16"	.500"
50+ to 100	16"	.500"
100+ to 150	18"	.438"
150+ to 200	18"	.500"
200+ to 250	20"	.500"
250+ to 300	24"	.375"
300+ to 350	24"	.438"
350+ to 400	24"	.500"

*Sum of sign areas for double cantilever

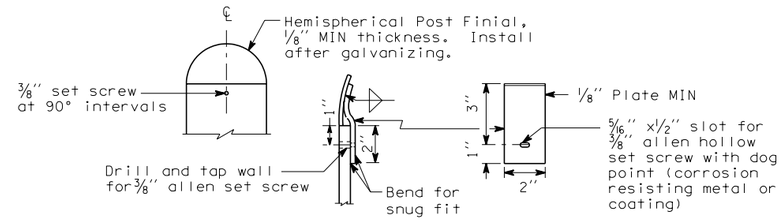


ELEVATION



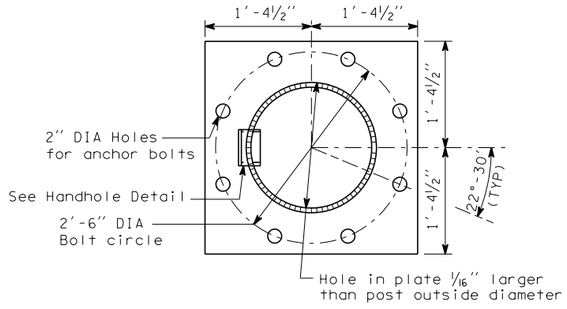
END VIEW

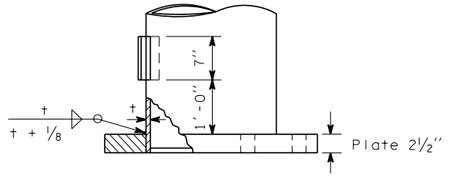
All diagonals and struts shall be 1¼" pipe (0.140" wall)



FINIAL DETAIL

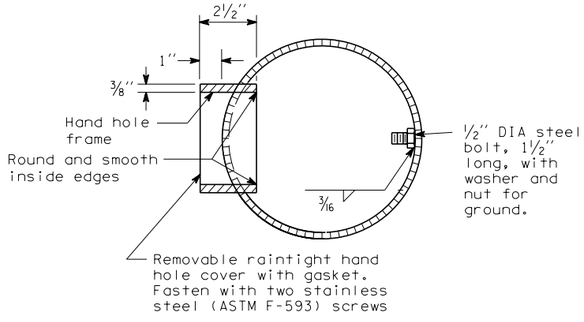
MATERIAL SPECIFICATIONS	
PIPE (Chords, Diagonals, Struts and Posts)	ASTM A 36 or ASTM A 53 Grade B, Type E or S, or A 500 Grade B
PLATES & SHAPES	ASTM A 36
BOLTS, NUTS, AND WASHERS	STD. SPEC. 9-06.5(3)
PIPE, PLATE & SHAPE GALVANIZING	AASHTO M 111
FASTENER GALVANIZING	AASHTO M 232

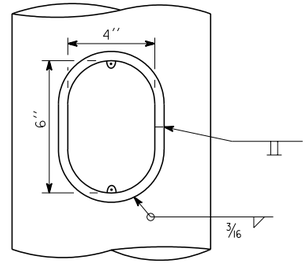




POST BASE DETAIL

CHORD TO POST CONNECTION





HANDHOLE DETAIL

JEROME A. WEIGEL
STATE OF WASHINGTON
14742
REGISTERED
PROFESSIONAL ENGINEER

EXPIRES JUNE 29, 2004

CANTILEVER SIGN STRUCTURES

STANDARD PLAN G-3

SHEET 1 OF 1 SHEET

NOTE: THIS PLAN IS NOT A LEGAL ENGINEERING DOCUMENT BUT AN ELECTRONIC DUPLICATE. THE ORIGINAL, SIGNED BY THE ENGINEER AND APPROVED FOR PUBLICATION, IS KEPT ON FILE AT THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION. A COPY MAY BE OBTAINED UPON REQUEST.

DATE	REVISION	BY
03/2002	ADDED MATERIAL SPECIFICATIONS CORRECTED WELD SYMBOL	MAS

APPROVED FOR PUBLICATION

Harold J. Peterfeso *06-04-02*

STATE DESIGN ENGINEER — DATE

Washington State Department of Transportation